

REMARKS

In the Office Action, claims 1-3, 5-10, 14-16, 37-39 and 41-44 were rejected, claims 4, 11-13, 17 and 40 were objected to, and claim 18 was allowed. Reconsideration and allowance of all pending claims are requested in view of the arguments set forth below.

Rejections Under 35 U.S.C. § 102

In the Office Action, claims 1-3, 5-10, 14-16, 37-39 and 41-44 were rejected under 35 U.S.C. § 102(e) as being anticipated by Burroughes et al., U.S. Patent No. 6,707,248 (hereinafter "Burroughes"). A *prima facie* case of anticipation under 35 U.S.C. § 102 requires a showing that each limitation of a claim is found in a single reference, practice or device. *In re Donohue*, 226 U.S.P.Q. 619, 621 (Fed. Cir. 1985). Applicants respectfully assert that the present invention, as recited in at least amended independent claims 1 and 37 are patentable over the Burroughes reference.

Independent claim 1 recites an electronic device comprising a first electrode, a second electrode, and at least an electronically active material disposed between the first electrode and the second electrode. The second electrode comprises a first layer and a second layer. The first layer comprises at least a halide compound of at least a metal selected from the group consisting of alkali metals and alkaline-earth metals and the second layer comprises an electrically conducting material. The second layer is disposed between the first layer and the electronically active material of the electronic device.

Independent claim 37 recite a compound electrode comprising a first layer and a second layer. The first layer comprises at least a halide compound of at least a metal selected from the group consisting of alkali metals and alkaline-earth metals and the second layer comprises an electrically conducting material. The second layer is in contact with an electronically active material.

Applicants respectfully submit that *the claims require the second conducting layer to be disposed between the first layer and the electronically active material of the electronic device or in contact with the electronically active material of the electronic device*, as recited in claims 1 and 37 (*see*, Fig. 1).

The Examiner argued that Burroughes discloses the claimed opto-electrical device and referred to Fig. 2 of the reference. The Burroughes reference discloses a first electrode 10 and a second electrode 11 that comprises a first layer 15 comprising a halide compound of at least a metal selected from the group consisting of alkali metals and alkaline-earth metals, and a second layer 17 comprising an electrically conducting material and at least an electronically active material 12 disposed between the first electrode 10 and the second electrode 11. *See*, Burroughes, Fig. 2. Even if this were true, Applicants respectfully submit that, in none of the embodiments of Burroughes is the second conducting layer shown to be *disposed between the first layer and the electronically active material of the electronic device or in contact with the electronically active material of the electronic device*. The Applicants have provided a simplified and analogous reproduction of Fig. 2 of Burroughes below to graphically illustrate this point.

Second Conducting Layer (17)
First Halide Layer (15)
Electronically Active Material (12)
First Electrode (10)

In particular, as is clear from Fig. 2 of Burroughes, summarized here, that the second conducting layer of Burroughes *is not* disposed between the first layer and the electronically active material of the electronic device or in contact with the electronically active material of the electronic device.

At least because Burroughes do not teach, disclose or suggest second conducting layer disposed between the first layer and the electronically active material of the electronic device or in contact with the electronically active material of the electronic device, as claimed, the reference cannot support a *prima facie* case of anticipation of claims 1 and 37.


Claims 2-3, 5-10, 14-16, 38-39, and 40-41 depend directly or indirectly from claims 1 and 37. Accordingly, the Applicants submit that claims 2-3, 5-10, 14-16, 38-39 and 40-41 are allowable by virtue of their dependency from an allowable base claim. Applicants also submit that the dependent claims are further allowable by virtue of the subject matter they separately recite. Thus, it is respectfully requested that the rejection of claims 1-3, 5-10, 14-16, 37-39, and 40-41 under 35 U.S.C. §102(e) be withdrawn.

Conclusion

In view of the remarks and amendments set forth above, Applicants respectfully request allowance of the pending claims. If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

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